

PATENT
W&B Ref. No. : INF 1981-US
Atty. Dkt. No. INFN/WB0033

REMARKS

This is intended as a full and complete response to the Office Action dated August 26, 2005, having a shortened statutory period for response set to expire on November 26, 2005. Please reconsider the claims pending in the application for reasons discussed below.

Claims 1-11 and 15-20 are pending in the application. Claims 1-4, 6-8, 10-11, and 15-20 remain pending following entry of this response. Claims 6, 9-11, and 15-18 have been amended. Claims 6 and 10 have been rewritten in independent form and amended for clarification. Claims 9-11 and 15-18 have also been amended for clarification. Claims 5 and 9 have been cancelled without prejudice. Applicants submit that the amendments and new claims do not introduce new matter.

Claim Objections

Claims 6-9, 11 and 15-20 are objected to because of formalities. Claims 6, 7, 9, 10, 11, 15, and 18 have been amended to comply with the formalities noted by the Examiner. Accordingly, Applicant respectfully requests withdrawal of the objections.

Claim Rejections - 35 USC § 112

Claims 10 and 16-18 are rejected under 35 U.S.C. Sec. 112, second paragraph. As described above, the claims have been amended for clarification. Applicant respectfully submits that the rejections are moot in light of the amendments. Because the claims have been amended for clarification and not to overcome the 35 U.S.C. Sec. 112, Applicants submit that the claims are entitled to a full range of equivalents. Accordingly, withdrawal of the rejections is respectfully requested.

Claim Rejections - 35 U.S.C. § 102

Claims 5, 9, 15, 16, 19 and 20 are rejected under 35 U.S.C. 102(b) as being anticipated by *Ichioaka et al.* (JP 2-210907, hereinafter *Ichioaka*). Claims 5 and 9 have been cancelled without prejudice. With respect to claims 15, 16, 19, and 20, Applicants respectfully traverse the rejections.

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"A claim is anticipated only if each and every element as set forth in the claim is found, either expressly or inherently described, in a single prior art reference." *Verdegaal Bros. v. Union Oil Co. of California*, 814 F.2d 628, 631, 2 USPQ2d 1051, 1053 (Fed. Cir. 1987). "The identical invention must be shown in as complete detail as is contained in the ... claim." *Richardson v. Suzuki Motor Co.*, 868 F.2d 1226, 1236, 9 USPQ2d 1913, 1920 (Fed. Cir. 1989). The elements must be arranged as required by the claim. *In re Bond*, 910 F.2d 831, 15 USPQ2d 1566 (Fed. Cir. 1990).

In this case, *Ichioaka* does not disclose "each and every element as set forth in the claim". For example, *Ichioaka* does not disclose a resettable flipflop circuit, comprising a single data input as recited by the amended claim 15, and the claims depending therefrom. The Examiner argues that *Ichioaka* discloses a resettable flipflop circuit at Figure 7. However, the cited figure is in fact directed to a flip-flop having an inverting and non-inverting input. As depicted in figure 7, the flip-flop has input D and inverting input D-bar. Thus, the flip-flop of *Ichioaka* has multiple data inputs. Accordingly, *Ichioaka* does not disclose a resettable flipflop circuit, comprising a single data input. Therefore, withdrawal of the rejection is respectfully requested.

Claims 15-17 19 and 20 are rejected under 35 U.S.C. 102(b) as being anticipated by *Robertson et al.* (US 2002/0005745 A1, hereinafter *Robertson*). In this case, *Robertson* does not disclose "each and every element as set forth in the claim". For example, *Robertson* does not disclose a resettable flipflop circuit, comprising a single data input. The Examiner argues that *Robertson* discloses a resettable flipflop circuit at Figure 11. However, the cited figure is in fact directed to a flip-flop having multiple data inputs, D and SD. As described by *Robertson* at Page 1, Para. 0003, "the flip-flop has data inputs D and SD". Thus, the flip-flop of *Robertson* has multiple data inputs. Accordingly, *Robertson* does not disclose a resettable flipflop circuit, comprising a single data input. Therefore, withdrawal of the rejection is respectfully requested.

Therefore, the claims are believed to be allowable, and allowance of the claims is respectfully requested.

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Allowable Subject Matter

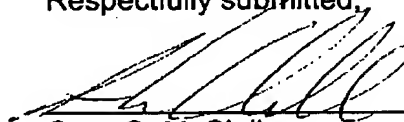
Claims 1-4 are presently allowed.

Claims 6-8, 10, 11 and 18 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims, and if amended to overcome the informalities and/or the rejection under 35 U.S.C. Sec. 112, 2nd paragraph set forth above. With respect to claims 6-8, 10, and 11, claims 6 and 10 have been rewritten in independent form including all of the base claims and any intervening claims. Also, as described above, the claims have been amended to overcome the formalities, and Applicants submit that the 35 U.S.C. Sec. 112 rejections are moot in light of the current amendments. With respect to claim 18, as described above, Applicants respectfully submit that the rejection with respect to claim 15, from which claim 18 depends, has been overcome. Accordingly, allowance of each of the claims is respectfully requested.

Conclusion

Having addressed all issues set out in the office action, Applicants respectfully submit that the claims are in condition for allowance and respectfully request that the claims be allowed.

Respectfully submitted,



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